



North Dakota

# FARM REPORTER

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## CROP PRODUCTION

**North Dakota**  
Soybean production is forecast at 107 million bushels, up 7 percent from the August forecast. If realized, this would tie last year's record

high production. Yields are expected to average 29 bushels per harvested acre, up 2 bushels from the August forecast, but down 8 bushels from last year. Area to be harvested is estimated at 3.70 million acres, up 28 percent from 2005.

Corn for grain production is forecast at a record high 159 million bushels, up 3 percent from the August forecast and 2 percent above 2005. Corn for grain yields are expected to average 105 bushels per harvested acre, up 3 bushels from the August forecast, but down 24 bushels from last year. Acreage

to be harvested for grain is estimated at a record high 1.51 million, up 26 percent from 2005.

Sugarbeet production is forecast at a record high 6.22 million tons, up 4 percent from the August forecast and 35 percent above last year. The average yield per harvested acre is expected to be 24.0 tons, up 1.0 ton from the August forecast and 5.1 tons above 2005.

This report is based on conditions around September 1 and assumes no extreme conditions the remainder of the crop season.

**Crop Summary: Area Planted and Harvested**  
**North Dakota and United States, 2005 and Forecasted September 1, 2006 <sup>1/</sup>**

Crop	North Dakota				United States			
	Area Planted		Area Harvested		Area Planted		Area Harvested	
	2005	2006	2005	2006	2005	2006	2005	2006
	1,000 Acres	1,000 Acres	1,000 Acres	1,000 Acres	1,000 Acres	1,000 Acres	1,000 Acres	1,000 Acres
Barley	1,200	1,050	1,060	950	3,875	3,496	3,269	2,990
Corn for Grain <sup>2/</sup>	1,410	1,750	1,200	1,510	81,759	79,366	75,107	71,841
Corn for Silage			170				5,920	
Hay, All			3,030	2,960			61,649	62,697
Alfalfa			1,650	1,600			22,389	22,407
All Other			1,380	1,360			39,260	40,290
Oats	490	510	240	250	4,246	4,312	1,823	1,907
Rye <sup>3/</sup>					1,433	1,378	279	259
Wheat, All	9,090	8,480	8,835	8,210	57,229	57,873	50,119	47,084
Winter	310	180	285	160	40,433	41,393	33,794	31,108
Durum	1,980	1,300	1,950	1,250	2,760	1,885	2,716	1,822
Other Spring	6,800	7,000	6,600	6,800	14,036	14,595	13,609	14,154
Canola	1,040.0	900.0	1,015.0	880.0	1,159.0	1,018.0	1,114.0	974.7
Flaxseed	890	650	865	640	983	718	955	704
Mustard Seed <sup>3/</sup>					49.0	42.5	44.6	40.5
Rapeseed <sup>3/</sup>					2.4	1.8	2.0	1.6
Safflower <sup>3/</sup>					165	221	160	212
Soybeans	2,950	3,800	2,900	3,700	72,142	74,930	71,361	73,935
Sunflower, All	1,140	825	1,105	800	2,709	1,900	2,610	1,797
Oil	910	700	885	680	2,104	1,575	2,032	1,493
Non-oil	230	125	220	120	605	325	578	304
Sugarbeets	255.0	263.0	243.0	259.0	1,299.8	1,362.8	1,242.9	1,343.6
Dry Edible Beans, All <sup>4/</sup>	620.0	640.0	565.0	600.0	1,665.0	1,607.3	1,568.6	1,519.0
Navy <sup>4/</sup>	90.0	118.0	82.0		233.4	276.4	220.7	
Great Northern <sup>4/</sup>	4.2	7.0	4.0		72.8	70.7	71.2	
Pinto <sup>4/</sup>	475.0	428.0	432.0		815.8	670.4	757.1	
Dark Red Kidney <sup>4/</sup>	4.0	2.0	3.8		60.7	48.5	52.3	
Pink <sup>4/</sup>	12.0	19.5	10.8		37.9	43.9	35.8	
Small Red <sup>4/</sup>	5.5	6.0	5.2		50.9	35.0	49.5	
Black <sup>4/</sup>	21.0	45.0	19.5		111.6	166.8	107.1	
Chickpeas, All (Garbanzo) <sup>4/</sup>	6.1	12.5	5.7		89.8	139.9	86.3	
Small <sup>4/</sup>	4.0	5.0	3.7		10.5	14.3	9.9	
Large <sup>4/</sup>	2.1	7.5	2.0		79.3	125.6	76.4	
Other <sup>4/</sup>	2.2	2.0	2.0		192.1	155.7	182.9	
Dry Edible Peas	540.0	580.0	515.0	560.0	808.0	895.0	765.9	856.6
Lentils	150.0	150.0	146.0	145.0	450.0	420.0	439.0	402.0
Fall Potatoes, All	92.0	100.0	82.0	95.0	967.7	990.5	949.0	974.4
Irrigated <sup>5/6/</sup>	31.5		30.5					
Types, Reds <sup>6/</sup>	23.5	22.0	19.0					
Whites <sup>6/</sup>	29.5	32.0	26.0					
Russets <sup>6/</sup>	39.0	46.0	37.0					

<sup>1/</sup> Data are latest estimates available. <sup>2/</sup> Area planted for all purposes. <sup>3/</sup> Published at U.S. level only. <sup>4/</sup> Classes may not add to "all" because "all" revisions were released on March 31, 2006 and class revisions will not be released until December 11, 2006. <sup>5/</sup> Included in all potatoes. <sup>6/</sup> Published at state level only.

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## CROP PRODUCTION (Continued)

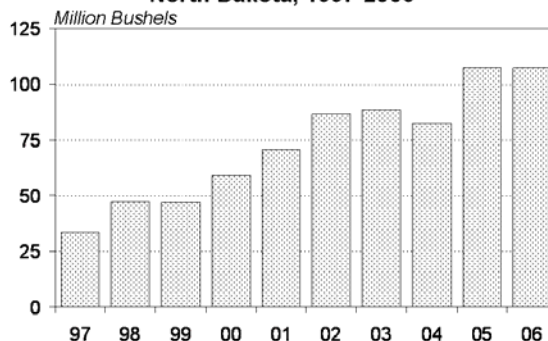
### United States

Soybean production is forecast at 3.09 billion bushels, up 6 percent from the August forecast and up slightly from the 2005 crop. If realized, this would be the second highest production on record. Yields are expected to average 41.8 bushels per acre, up 2.2 bushels from August but down 1.5 bushels from last year's record high yield.

Corn for grain production is forecast at 11.1 billion bushels, up 1 percent from last month and fractionally above 2005. Yields are expected to average 154.7 bushels per acre, up 2.5 bushels from August and 6.8 bushels from last year. If realized, yield and production would be the second largest on record, behind 2004.

Sugarbeet production for 2006 is forecast at 32.4 million tons, 2 percent above the August forecast and 18 percent above last year's production. The yield is forecast at 24.1 tons per acre, up 0.4 ton from August and 1.9 tons above 2005.

**Soybeans: Production  
North Dakota, 1997-2006**



**Crop Summary: Yield and Production  
North Dakota and United States, 2005 and Forecasted September 1, 2006 <sup>1/</sup>**

Crop	Unit	North Dakota					United States				
		Yield			Production		Yield			Production	
		2005	2006		2005	2006	2005	2006		2005	2006
			Aug 1	Sep 1				Aug 1	Sep 1		
Barley <sup>2/</sup>	Bu	54.0	46.0	46.0	1,000	1,000				1,000	1,000
Corn for Grain	Bu	129.0	102.0	105.0	57,240	43,700	64.8	61.2	61.2	211,896	182,972
Corn for Silage	Tons	11.0			154,800	158,550	147.9	152.2	154.7	11,112,072	11,113,766
Hay, All <sup>2/</sup>	Tons	1.86	1.15	1.15	1,870		18.0			106,311	
Alfalfa <sup>2/</sup>	Tons	2.00	1.20	1.20	5,646	3,416	2.44	2.27	2.27	150,590	142,326
All Other <sup>2/</sup>	Tons	1.70	1.10	1.10	3,300	1,920	3.38	3.18	3.18	75,771	71,205
Oats <sup>2/</sup>	Bu	59.0	34.0	34.0	2,346	1,496	1.91	1.77	1.77	74,819	71,121
Rye <sup>3/</sup>	Bu				14,160	8,500	63.0	56.3	56.3	114,878	107,423
Wheat, All <sup>2/</sup>	Bu	34.4					27.0			7,537	
Winter <sup>2/</sup>	Bu	34.4			303,765		42.0	38.3	38.3	2,104,690	1,801,355
Durum <sup>2/</sup>	Bu	39.0			11,115		44.4	41.2	41.2	1,499,129	1,283,134
Other Spring <sup>2/</sup>	Bu	35.0	25.0	25.0	68,250	31,250	37.2	30.0	30.0	101,105	54,710
Canola	Lbs	34.0	30.0	30.0	224,400	204,000	37.1	32.7	32.7	504,456	463,511
Flaxseed	Bu	1,440			1,461,600		1,419			1,580,985	
Mustard Seed <sup>3/</sup>	Bu	21.0			18,165		20.6			19,695	
Rapeseed <sup>3/</sup>	Lbs						787			35,114	
Safflower <sup>3/</sup>	Lbs						1,500			3,000	
Soybeans	Bu	37.0	27.0	29.0	107,300	107,300	1,203			192,545	
Sunflower, All	Lbs	1,586			1,752,650		43.3	39.6	41.8	3,086,432	3,092,970
Oil	Lbs	1,610			1,424,850		1,540			4,018,355	
Non-oil	Lbs	1,490			327,800		1,564			3,177,635	
Sugarbeets	Tons	18.9	23.0	24.0	4,593	6,216	1,455			840,720	
Dry Edible Beans, All <sup>2/ 4/ 5/</sup>	Cwt	1,520	1,050	1,050	8,588	6,300	22.2	23.7	24.1	27,537	32,390
Navy <sup>4/ 5/</sup>	Cwt	1,620			1,330		1,744	1,534	1,534	27,350	23,301
Great Northern <sup>4/ 5/</sup>	Cwt	1,750			70		1,786			3,942	
Pinto <sup>4/ 5/</sup>	Cwt	1,510			6,530		2,226			1,585	
Dark Red Kidney <sup>4/ 5/</sup>	Cwt	1,240			47		1,730			13,101	
Pink <sup>4/ 5/</sup>	Cwt	1,510			163		1,757			919	
Small Red <sup>4/ 5/</sup>	Cwt	1,210			63		1,849			662	
Black <sup>4/ 5/</sup>	Cwt	1,300			254		1,824			903	
Chickpeas, All (Garbanzo) <sup>4/ 5/</sup>	Cwt	1,810			103		1,683			1,802	
Small <sup>4/ 5/</sup>	Cwt	1,700			63		1,241			1,071	
Large <sup>4/ 5/</sup>	Cwt	2,000			40		1,505			149	
Other <sup>4/ 5/</sup>	Cwt	1,400			28		1,207			922	
Dry Edible Peas <sup>4/</sup>	Cwt	1,900			9,785		1,770			3,237	
Lentils <sup>4/</sup>	Cwt	1,350			1,971		1,828			14,003	
Fall Potatoes, All	Cwt	250			20,500		1,176			5,163	
Irrigated <sup>6/ 7/</sup>	Cwt	385			11,740		403			382,743	
Types, Reds <sup>7/</sup>	Cwt	168			3,185						
Whites <sup>7/</sup>	Cwt	175			4,550						
Russets <sup>7/</sup>	Cwt	345			12,765						

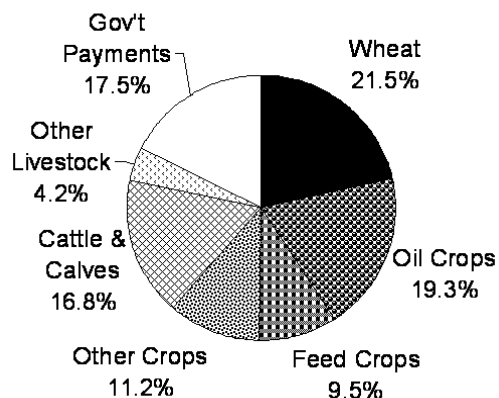
<sup>1/</sup> Data are latest estimates available. <sup>2/</sup> No forecast made September 1, estimates carried forward from August. <sup>3/</sup> Published at U.S. level only. <sup>4/</sup> Yield in pounds. <sup>5/</sup> Classes may not add to "all" because "all" revisions were released on March 31, 2006 and class revisions will not be released until December 11, 2006. <sup>6/</sup> Included in all potatoes. <sup>7/</sup> Published at state level only.

## CASH RECEIPTS

**N**orth Dakota  
Cash receipts from farm marketings in 2005 totaled \$4.75 billion, up 10.3 percent from 2004 and 4.7 percent from 2003. Receipts from crop marketings rose 0.7 percent and livestock marketing receipts increased 6.1 percent from 2004. Government payments for 2005 were up 78.0 percent from the previous year.

Wheat was the largest contributor to cash receipts in 2005, accounting for 21.5 percent of the total, down from 22.9 percent a year earlier. Government payments were second, with 17.5 percent of the total, up from 10.8 percent in 2004. Cattle and calves were third, with 16.8 percent of the total cash receipts, down from 17.1 percent in 2004.

**Cash Receipts  
North Dakota, 2005**



**Cash Receipts from Farm Marketings, North Dakota, 2003-2005**

Item	2003	2004	2005	2005 as Pct of Total
	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>Pct</i>
<b>Crops</b>	3,018,239	2,904,028	2,924,605	61.5
Wheat	948,995	988,926	1,019,628	21.5
Soybeans	592,421	425,571	493,698	10.4
Corn	216,467	256,372	205,905	4.3
Sugarbeets	240,853	191,417	191,417	4.0
Sunflower	192,806	155,185	165,415	3.5
Barley	228,427	214,857	142,778	3.0
Canola	146,937	150,192	142,293	3.0
Potatoes	124,658	134,742	133,230	2.8
Dry Edible Beans	133,023	123,179	126,469	2.7
Flaxseed	57,090	76,492	110,086	2.3
Hay	62,859	88,396	95,788	2.0
Dry Edible Peas	17,946	37,331	42,076	0.9
Lentils	9,480	18,418	22,469	0.5
Oats	9,632	8,993	6,088	0.1
Other Crops	36,645	33,957	27,265	0.6
<b>Livestock and Products</b>	870,348	939,118	996,533	21.0
Cattle and Calves	690,905	738,975	799,083	16.8
Milk	62,098	83,945	77,916	1.6
Hogs	30,252	42,112	49,571	1.0
Honey	40,229	31,028	27,273	0.6
Turkeys	11,846	10,560	10,989	0.2
Sheep and Lambs	7,718	7,249	8,055	0.2
Wool	390	559	414	0.0
Other Livestock	26,910	24,690	23,232	0.5
<b>Total Crops and Livestock</b>	3,888,587	3,843,147	3,921,137	82.5
<b>Government Payments</b>	652,148	466,984	831,210	17.5
<b>Grand Total</b>	4,540,735	4,310,131	4,752,347	100.0

Source: Economic Research Service, USDA

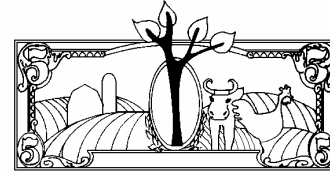
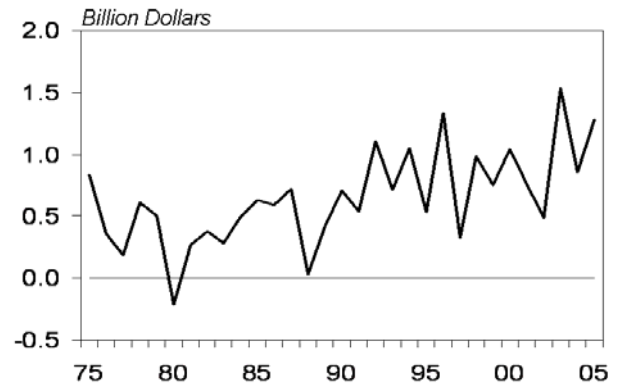
## FARM INCOME

### North Dakota

Net farm income for North Dakota totaled \$1.28 billion in 2005, up from \$854 million in 2004 but down from \$1.53 billion in 2003. Value of Agricultural Sector Production for the state totaled \$4.60 billion in 2005, up from \$4.25 billion in 2004. The Value of Crop Production for 2005 rose 7 percent from 2004, and the Value of Livestock Production rose 12 percent from the previous year. Net Government Transactions totaled \$613 million, up from \$262 million in 2004. Purchased Inputs for 2005, at \$2.49 billion, were up from 2004's \$2.34 billion. Net income per farm for North Dakota averaged \$42,246 in 2005 compared with \$28,196 in 2004 and \$50,511 in 2003.

Value of Agricultural Sector Production is the gross value of the commodities and services produced within a year. Net Government Transactions is direct government payments minus motor vehicle registration and licensing fees and property taxes. Payment to Stakeholders is the total of employee compensation (total hired labor), net rent received by non-operator landlords, and interest paid for real estate and non real estate. Net Farm Income is the farm operator's share of income from the sector's production activities.

### Net Farm Income North Dakota, 1975-2005



### Value Added to the Agricultural Sector, North Dakota, 2003-2005

Item	2003 <i>1,000 Dollars</i>	2004 <i>1,000 Dollars</i>	2005 <i>1,000 Dollars</i>
Value of Agricultural Sector Production	4,367,169	4,250,214	4,601,620
Value of Crop Production	3,202,871	2,910,799	3,100,416
Value of Livestock Production	757,440	905,226	1,010,593
Revenues from Services and Forestry	406,857	434,189	490,611
Less: Purchased Inputs	2,075,631	2,340,331	2,488,562
Plus: Net Government Transactions	447,120	261,594	612,927
Less: Capital Consumption	483,688	520,491	534,309
Less: Payments to Stakeholders	724,483	796,641	911,628
<b>Net Farm Income (Total)</b>	<b>1,530,487</b>	<b>854,344</b>	<b>1,280,048</b>
Per Farm (Dollars)	50,511	28,196	42,246

Source: Economic Research Service, USDA

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